

Form PTO-1449			Docket No. 126881206100	Appl. No. 09/830,506		
INFORMATION DISCLOSURE STATEMENT <i>(use several sheets if necessary)</i>			Applicant(s) Oxana Ibraghimov-Beskrovnyaya et al.			
			Filing Date: April 26, 2001	Group Art Unit: Not Yet Assigned		
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass
						Filing Date (if appropriate)
<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass
MH	1.	12/21/1995	WO 95/34573	Brigham & Women's Hosp.	—	—
<b>OTHER DOCUMENTS</b> <i>(including author, title, date, pertinent pages, etc.)</i>						
Examiner Initials	Ref. No.	Title				
MH	2.	Burn TC The AMERICAN PKD1 Consortium (APKD1 Consortium) et al., "Analysis of the genomic sequence for the autosomal dominant polycystic kidney disease (PKD1) gene predicts the presence of a leucine-rich repeat" (1995) <i>Human Mol. Genet.</i> 4(4):575-582				
MH	3.	Avner, E.D., "Epithelial polarity and differentiation in polycystic kidney disease" (1993) <i>J. Cell Sci.</i> 17:217-222				
MH	4.	Bork, P. et al., "The immunoglobulin fold. Structural classification, sequence patterns and common core" (1994) <i>J. Mol. Biol.</i> 242:309-320				
MH	5.	Breunig et al., "Improved early diagnosis of adult polycystic kidney disease with flanking DNA markers" (1987) <i>Lancet</i> 2(8572):1359-1361				
MH	6.	Brieher, W.M. et al., "Lateral dimerization is required for the homophilic binding activity of C-cadherin" (1996) <i>J. Cell Biol.</i> 135(2):487-496				
MH	7.	Bycroft, M. et al., "The structure of a PKD domain from polycystin-1: implications for polycystic kidney disease" (1999) <i>EMBO J.</i> 18(2):297-305				
MH	8.	Formosa, T. et al., "[3] Using protein affinity chromatography to probe structure of protein machines" (1991) <i>Meth. Enzymol.</i> 208:24-45				
MH	9.	Gabow, P.A. et al., "Pathophysiology of adult polycystic kidney disease" (1989) <i>Adv. Nephrol.</i> 18:19-32				
MH	10.	Gabow, P.A., "Autosomal dominant polycystic kidney disease" (1993) <i>New Eng. J. Med.</i> 329:332-342				
MH	11.	Geng, L. et al., "Distribution and developmentally regulated expression of murine polycystin" (1997) <i>Am. J. Physiol.</i> 272:F451-F459				
MH	12.	Geng, L. et al., "Identification and localization of polycystin, the PKD1 gene product" (1996) <i>J. Clin. Invest.</i> 98(12):2674-2682				
MH	13.	Geng, L. et al., "Renal ischemic-reperfusion injury leads to upregulation of polycystin-1 but not polycystin-2" (1997) <i>J. Am. Soc. Nephrol.</i> 8:372A				
MH	14.	Grantham J. J., "The etiology, pathogenesis, and treatment of autosomal dominant polycystic kidney disease: recent advances" (1996) <i>Amer. J. Kidney Diseases</i> 28(6):788-803				
MH	15.	Griffin, M.D. et al., "Expression of polycystin in mouse metanephros and extra-metanephric tissues" (1997) <i>Kidney Int.</i> 52:1196-1205				
MH	16.	Griffin, M.D. et al., "Immunolocalization of polycystin in human tissues and cultured cells" (1996) <i>Proc. Assoc. Am. Physicians</i> 108(3):185-197				

EXAMINER: *Maher Haddad*DATE CONSIDERED: *11/7/02*

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449		Docket No. 126881206100	Appl. No. 09/830,506	
INFORMATION DISCLOSURE STATEMENT		Applicant(s) Oxana Ibraghimov-Beskrovnyaya et al.		
(use several sheets if necessary)		Filing Date: April 26, 2001	Group Art Unit: Not Yet Assigned	
<b>PATENT &amp; TRADEMARK OFFICE</b> <b>AUG 8 2001</b>	17.	Griffin, M.D. et al., "Vascular expression of polycystin" (1997) <i>J. Am. Soc. Nephro.</i> <b>8</b> :616-626		
	18.	Gumbiner, B.M., "Cell adhesion: the molecular basis of tissue architecture and morphogenesis" (1996) <i>Cell</i> <b>84</b> :345-357		
	19.	Hughes, J. et al., "The polycystic kidney disease 1 (PDK1) gene encodes a novel protein with multiple cell recognition domains" (1995) <i>Cell</i> <b>10</b> :151-160		
	mH	20.	Ibraghimov-Beskrovnyaya, O. et al., "Polycystin: <i>In vitro</i> synthesis, <i>in vivo</i> tissue expression, and subcellular localization identifies a large membrane-associated protein" (1997) <i>PNAS USA</i> <b>94</b> :6397-6402	
	MH	21.	The International Polycystic Kidney Disease Consortium, "Polycystic kidney disease: the complete structure of the PKD1 gene and its protein" (1995) <i>Cell</i> <b>81</b> :289-298	
	rH	22.	Iwabuchi, K. et al., "Use of the two-hybrid system to identify the domain of p53 involved in oligomerization" (1993) <i>Oncogene</i> <b>8</b> (6):1693-1696	
	mH	23.	Kimberling, W.J. et al., "Autosomal dominant polycystic kidney disease: localization of the second gene to chromosome 4q13-q23" (1993) <i>Genomics</i> <b>18</b> :467-472	
	MH	24.	Kobe, B. and J. Deisenhofer, "The leucine rich repeat: a versatile binding motif" (1994) <i>Trends Biochem. Sci.</i> <b>19</b> :415-421	
	MH	25.	Lane, D.P. and L.V. Crawford, "T antigen is bound to a host protein in SV40-transformed cells" (1979) <i>Nature</i> <b>278</b> :261-263	
	mH	26.	Lu, W. et al., "Perinatal lethality with kidney and pancreas defects in mice with a targetted <i>Pkd1</i> mutation" (1997) <i>Nature Genetics</i> <b>17</b> (2):179-181	
	MH	27.	Mochizuki, T. et al., "PKD2, a gene for polycystic kidney disease that encodes an integral membrane protein" (1996) <i>Science</i> <b>272</b> :1339-1342	
	mH	28.	O'Sullivan, D.A. et al., "Cardiac expression of polycystin 1 and polycystin 2 and idiopathic dilated cardiomyopathy in autosomal dominant polycystic kidney disease (ADPKD)" (1997) <i>J. Am. Soc. Nephrol.</i> <b>8</b> :376A	
	MH	29.	Palsson, R. et al., "Characterization and cell distribution of polycystin, the product of autosomal dominant polycystic kidney disease gene 1" (1996) <i>Molec. Med.</i> <b>2</b> (6):702-711	
	MH	30.	Peters, D.J. et al., "Adult, fetal, and polycystic kidney expression of polycystin, the polycystic kidney disease-1 gene product" (1996) <i>Lab. Invest.</i> <b>75</b> (2):221-230	
	MH	31.	Phizicky, E.M. and S. Fields, "Protein-protein interactions: Methods for detection and analysis" (1995) <i>Microbiological Reviews</i> <b>59</b> (1):94-123	
	MH	32.	Qian, F. et al., "PKD1 interacts with PKD2 through a probable coiled-coil domain" (1997) <i>Nature Genetics</i> <b>16</b> (2):179-183	
	MH	33.	Ranheim, T.S. et al., "Homophilic adhesion mediated by the neural cell adhesion molecule involves multiple immunoglobulin domains" (1996) <i>PNAS USA</i> <b>93</b> :4071-4075	
	MH	34.	Reeders, S.T. et al. "A highly polymorphic DNA marker linked to adult polycystic kidney disease on chromosome 16" (1985) <i>Nature</i> <b>317</b> :542-544	
MH	35.	Sun, J. et al., "Platelet endothelial cell adhesion molecule-1 (PECAM-1) homophilic adhesion is mediated by immunoglobulin-like domains 1 and 2 and depends on the cytoplasmic domain and the level of surface expression" (1996) <i>J. Biol. Chem.</i> <b>271</b> (31):18561-18570		
MH	36.	Tsiokas, L. et al., "Homo- and heterodimeric interactions between the gene products of <i>PKD1</i> and <i>PKD2</i> " (1997) <i>PNAS USA</i> <b>94</b> :6965-6970		
MH	37.	Van Adelsberg, J. et al. "Polycystin expression is temporally and spatially regulated during renal development" (1997) <i>Am. J. Physiol.</i> <b>272</b> (5):F602-F609		
MH	38.	Ward, C.J. et al., "Polycystin, the polycystic kidney disease 1 protein, is expressed by epithelial cells in fetal, adult, and polycystic kidney" (1996) <i>PNAS USA</i> <b>93</b> :1524-1528		

EXAMINER: Maher Haddad

DATE CONSIDERED: 11/7/02

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449		Docket No. 126881206100	Appl. No. 09/830,506
INFORMATION DISCLOSURE STATEMENT		Applicant(s) Oxana Ibraghimov-Beskrovnyaya et al.	
(use several sheets if necessary)		Filing Date: April 26, 2001	Group Art Unit: Not Yet Assigned
MH	39.	Weston, B.S. et al., "Polycystin expression during embryonic development of human kidney in adult tissues and ADPKD tissue"(1997) <i>Histochemical Journal</i> 29:847-856	



EXAMINER: <i>Mahn Haddad</i>	DATE CONSIDERED: <i>11/7/02</i>
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.	